

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
CS4-01180sb12@1 (YAKI-18-03) (Adj. Cert. S4-83070-J)		
APPLICANT NAME Wyckoff Farms, Inc.	CONTACT Court Wyckoff	CONTACT'S TELEPHONE NO 509.882.3934
WATER RIGHT HOLDER'S NAME (if different) Wyckoff Farms, Inc. owns portion subject of change. Purchased from Anthony W. Mynar, Jr. & Terry L. Mynar.		CONTACT'S EMAIL

DATE OF APPLICATION Filed 10/2/2017 with Ecology and conveyed to water board 2/1/2018.	PRIORITY DATE June 30, 1896
--	--------------------------------

WATER SOURCE: Unnamed Pond	CROP: 54 acres irrigated; Alfalfa 47.5 ac. and pasture 6.5 ac.
INSTANTANEOUS QUANTITY: 2.18 cfs	ANNUAL QUANTITY: 208.4 acre-ft/yr
PERIOD OF USE: Irrigation April 1 through October 31; continuously for stock water.	
PLACE OF USE: Parcel No 11742, 958611, 11743, 648733. That portion of the W ¹ / ₂ SE ¹ / ₄ of Section 14, T. 17 N., R. 18 E.W.M. lying south of the Vertrees No. 2 ditch and wasteway.	PURPOSE OF USE: Irrigation of 54 acres from April 1 through October 31, continuously for stockwater.
IRRIGATION METHOD: Flood irrigation was replaced by pressurized sprinkler system in 1996. A 25 hp centrifugal pump conveyed water from an unnamed pond (shallow ring well in hydraulic connection with surface water) through 8 inch mainline to 4 inch wheel lines. Application to crop was via 88 impulse sprinklers and one big gun.	

CONSUMPTIVE USE CALCULATION: In 1993 Court Claim 01180 (Subbasin 12 Shushuskin Canyon) was confirmed 2.16 cfs, 540 acre-ft for the irrigation of 54 acres, 0.02 cfs, 1 acre-ft for stock water, and 0.18 cfs for conveyance loss, for a total of 2.36 cfs 541 acre-ft per year. The Qa awarded by the court was based on a water duty of 10 acre-ft/acre due to the course, well-drained soils on the place of use. In 2016 Aspect Consulting completed a beneficial use assessment that included an estimate of consumptive use. The assessment utilized two methods of estimation; calculation of the volume of water pumped from power-use records, and an estimate using the WAIG. The report indicates beneficial use of water was maximized at approximately 210 acre-ft. Using an efficiency factor of 65% to account for application by wheel line sprinklers and the gravelly soils, the report estimates consumptive use at 156 acre-ft/yr.
--

ADDITIONAL ACQ INFORMATION FROM STREAMLINE WATER CONSULTING MEMORANDUM OF APRIL 29, 2019: Information for the time period of 2016-2018 was researched with aerial photos from 2016 and 2018 showing continued irrigation of the same 54 acre footprint. A personal communication with Skip Mynar confirmed continued use of irrigation in a consistent manner with the prior years, as was evaluated by Aspect Consulting. The consultant recommendation, compared to the determination for KITT-18-02, was no change to the prior extent and validity analysis or ACQ.

NARRATIVE DESCRIPTION OF PROJECT:

The project entails three separate change applications that divide the larger portion of the water right between three separate entities. A smaller portion of the right, 5 ac-ft for irrigation of 1.3 acres and and 1 ac-ft for stockwater, will be retained on the current place of use. The WTWG has previously given thumbs up to one of these change applications, No. KITT-18-02 in name of Wooden Shoe LLC (WTWG No. 2019-3, revised). The subject application YAKI-18-03 seeks to change the purpose of use for 0.4 cfs, 70 ac-ft to instream flows April 1 through October 31 and mitigation. Proposed place of use for instream flow and mitigation is within the Yakima River from current source to the Pacific Ocean. Proposed changes YAKI-18-03 and -04 are being submitted for review at the same time, as the remaining changes for the project on this same water right. Summary of proposed division of the right for the project is as follows:

	Qi (cfs)	Qa (ac-ft/yr)	Purpose and period of use
Existing right S4-83070-J (tentative determination)	2.18	208.4	Irrigation 54 ac 4/1 – 10/31 and continuous stockwater
KITT-18-02	1.6	122.4	Instream flow 4/1 – 10/31 and mitigation
*YAKI-18-03	0.4	70	Instream flow 4/1 – 10/31 and mitigation
YAKI-18-04	0.1	10	Instream flow 4/1 – 10/31 and mitigation
To be retained at POU	0.08	5.0 1.0	Irrigation 1.3 ac. 4/1 – 10/31 and continuous stockwater

* Subject change

ADDITIONAL ACQ INFORMATION FROM STREAMLINE WATER CONSULTING MEMORANDUM OF JUNE 19, 2018:

Document No.	Name (Date Application Filed w/ Board)	Ownership Status	Total Annual Volume (af/yr)	CU Annual Volume (af/yr)	Purpose Requested
YAKI-18-03	Wyckoff Farms (2/1/2018)	Owner of Described Portion.	70 af/yr	50 af/yr	instream flows and mitigation / trust
YAKI-18-04	Donald Cold Storage (4/5/2018)	Owner of Described Portion.	10 af/yr	7.5 af/yr	instream flows and mitigation / trust
S4-83070-J Portion being Retained	Mynars (Date Filed n/a)	Owner of Described Portion (Being Retained)	5 af/yr	3.8 af/yr	Retaining (no change): 0.06 cfs, 5 af/yr for irrigation of 1.3 acres
YAKI-18-02 and KITT-18-02 (same request)	Steve Newhouse (2/1/2018) Wooden Shoe (5/15/2018)	Purchasing Described Portion from Mynars.	122.4 af/yr (subject to approval)	94.2 af/yr (subject to approval)	instream flows and mitigation / trust
TOTALS:			207.4 af/yr	155.5 af/yr	

Table 4. Distribution of total consumptive use to parties/applicants.

Unit	Document	May	June	July	Aug	Sept	Oct	Total
Fraction	n/a	0.10	0.22	0.30	0.23	0.13	0.02	1.00
ac-ft CU	KITT-18-02 Wooden Shoe	9.42	20.72	28.26	21.67	12.25	1.88	94.2 ac-ft CU
ac-ft CU	YAKI-18-03 Wyckoff	5.00	11.00	15.00	11.50	6.50	1.00	50.0 ac-ft CU
ac-ft CU	YAKI-18-04 Donald CS	0.75	1.65	2.25	1.73	0.97	0.15	7.5 ac-ft CU
ac-ft CU	RETAINED Mynars [1]	0.38	0.84	1.14	0.87	0.49	0.08	3.8 ac-ft CU
TOTALS (ac-ft):		15.6	34.2	46.7	35.8	20.2	3.1	155.5 af CU
cfs	KITT-18-02 Wooden Shoe	0.153	0.348	0.460	0.353	0.206	0.031	n/a
cfs	YAKI-18-03 Wyckoff	0.082	0.185	0.244	0.187	0.109	0.016	n/a
cfs	YAKI-18-04 Donald CS	0.012	0.028	0.037	0.028	0.017	0.003	n/a
cfs	RETAINED Mynars [1]	0.006	0.014	0.018	0.014	0.008	0.001	n/a
TOTALS (cfs):		0.253	0.575	0.759	0.582	0.340	0.051	n/a

[1] Quantities are given for checking sums only, monthly quantities are not a condition of the retained water rights

Table 5. Monthly distribution of annual consumptive use with average flow rate equivalents.

Table 5 includes the average flow rates corresponding to the monthly volumes of consumptive use. These are the estimated increases in instream flow that will result from discontinuing the irrigation portions, namely (approximate): **KITT-18-02, 31.9 acres**; YAKI-18-03, 18.2 acres; YAKI-18-04, 2.6 acres; leaving 1.3 acres of irrigation to be continued (retained) by Mynars.

PLACE OF USE DESCRIPTION – MYNAR RETAINED WATER RIGHT:

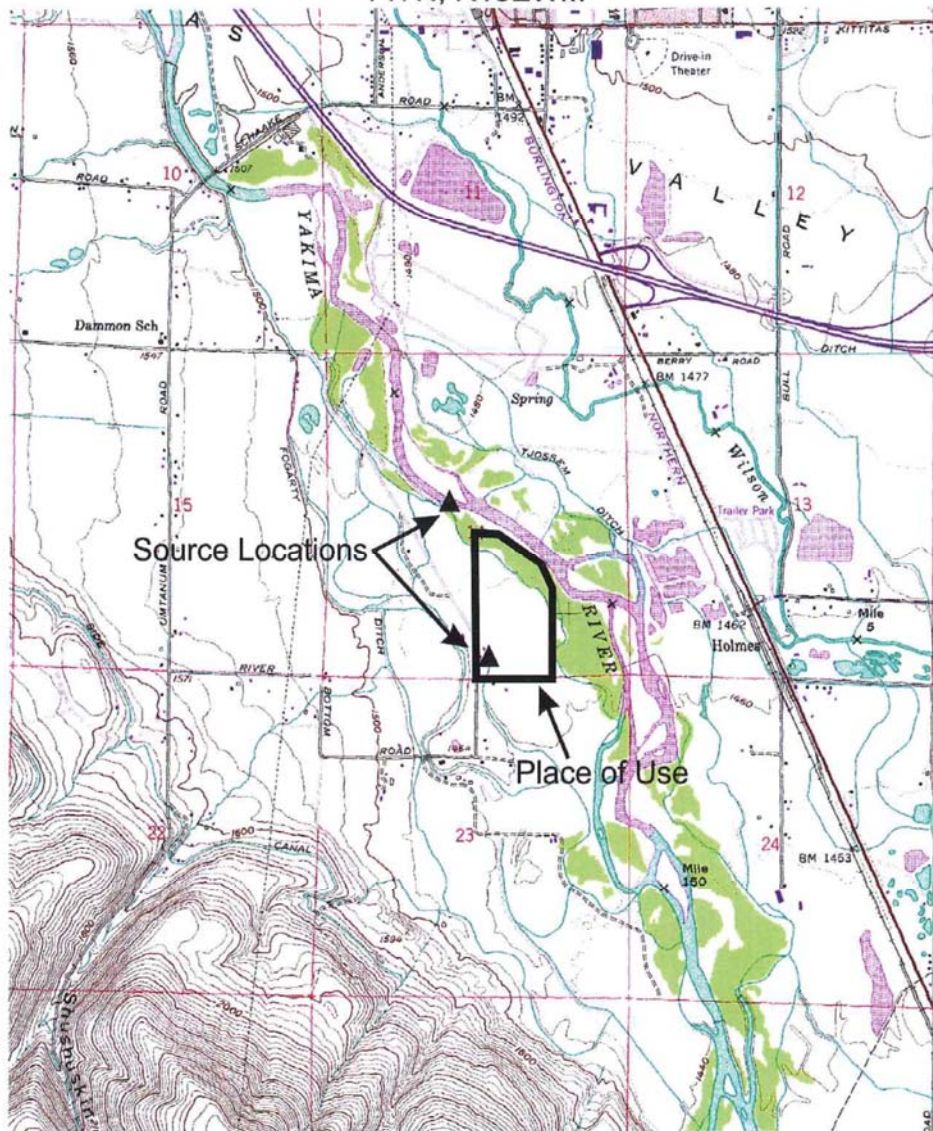
A five acre parcel described as:

Parcel B of that certain survey as recorded February 18, 1997 in Book 22 of Surveys at Page 173, under Auditor's File No. 199702180030, records of Kittitas County, Washington; being a portion of the SE1/4 of Sec. 14, T. 17 N., R. 18 E.W.M., in the County of Kittitas, State of Washington; and described as follows:

Beginning at the S1/4 corner of said Sec. 14,
thence N 01°58'05" W 36.51 ft,
thence N 88°01'55" E 20.00 ft to the True Point of Beginning,
thence continuing N 88°01'55" E 466.69 ft,
thence N 01°58'05" W 466.69 ft,
thence S 88°01'55" W 466.69 ft,
thence S 01°58'05" E 466.69 ft to the True Point of Beginning.

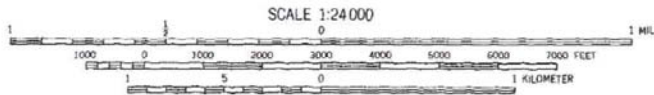
Kittitas County Parcel Number 648733 and Map Number 17-18-14040-0003.

T17N, R18EWM



Source Locations

Place of Use



CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929



Map Attachment: Current Water Right

S